

# **[POWER ADAPTER WITH FREELY ROTATABLE DIRECT CURRENT PLUG CONNECTION]**

## **Abstract of Disclosure**

A power adapter having a freely rotatable plug connection comprises a main body, a DC wire, and an AC wire. The main body includes a casing that respectively encloses an adapter circuit board, a DC connector port and an AC connector port, the DC connector port and the AC connector port being respectively arranged on the adapter circuit board. A terminal of the DC wire electrically connects a DC plug that mates with the DC connector port according to a freely rotatable manner, and another terminal of the DC wire electrically connects an output plug to deliver a signal to an electrical device. A terminal of the AC wire electrically connects the AC connector port and another terminal of the AC wire electrically connects another plug.

## Figures